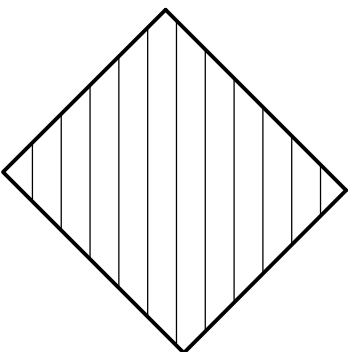
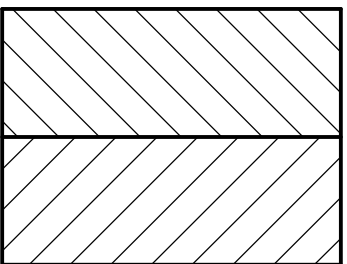


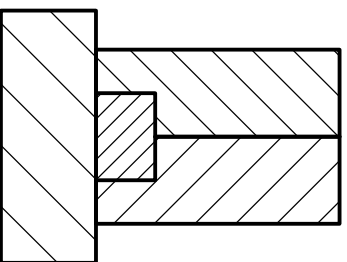
45° HATCHING LINES



HATCHING LINES DRAWN AT SOME OTHER ANGLE - OUTLINE IS NEAR 45°



CHANGING THE DIRECTION OF HATCHING TO SHOW ADJACENT PARTS



SPACING OF HATCHING TO DIFFERENTIATE BETWEEN ADJACENT PARTS AND THE SIZE OF THE PARTS.

THE FOLLOWING ITEMS ARE NOT CROSSED HATCHED WHEN THE CUTTING PLANE PASSES LONGITUDINALLY THROUGH THEM:

1. All fasteners - bolts, nuts, keys , etc.
2. Washers
3. Ribs and webs.
4. Shafts

Angle of Section Lines : Should always be done at 45° .

Exception : Where the outline of the object/part is at an angle of 45° cross hatching is preferably done vertically or horizontally.

Adjacent Parts: When two or more adjacent parts are cut ONLY PARTS THAT HAVE BEEN CUT ARE HATCHED the direction of the hatching lines should be changed or alternated for each part. Spacing between hatching lines could be changed to show adjacent parts.

THERE ARE EXCEPTIONS TO THIS RULE - THIS WILL BE DISCUSSED LATER

Size of Parts: Larger surfaces hatching spaced out further apart as compared to smaller surfaces where the spacing is generally closer.